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US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

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08/827,634

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result set

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<u>L1</u>	HTML and template\$1	1086	<u>L1</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 6 of 6 returned.**☐ 1. Document ID: US 6161114 A

L13: Entry 1 of 6

File: USPT

Dec 12, 2000

US-PAT-NO: 6161114

DOCUMENT-IDENTIFIER: US 6161114 A

TITLE: Design engine for fitting content to a medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 2. Document ID: US 5956737 A

L13: Entry 2 of 6

File: USPT

Sep 21, 1999

US-PAT-NO: 5956737

DOCUMENT-IDENTIFIER: US 5956737 A

TITLE: Design engine for fitting content to a medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 3. Document ID: US 5907837 A

L13: Entry 3 of 6

File: USPT

May 25, 1999

US-PAT-NO: 5907837

DOCUMENT-IDENTIFIER: US 5907837 A

TITLE: Information retrieval system in an on-line network including separate content and layout of published titles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 4. Document ID: US 5903902 A

L13: Entry 4 of 6

File: USPT

May 11, 1999

US-PAT-NO: 5903902

DOCUMENT-IDENTIFIER: US 5903902 A

TITLE: Design engine with tree and component structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 5. Document ID: US 5895477 A

L13: Entry 5 of 6

File: USPT

Apr 20, 1999

US-PAT-NO: 5895477

DOCUMENT-IDENTIFIER: US 5895477 A

TITLE: Design engine for automatic layout of content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

☐ 6. Document ID: US 5895476 A

L13: Entry 6 of 6

File: USPT

Apr 20, 1999

US-PAT-NO: 5895476

DOCUMENT-IDENTIFIER: US 5895476 A

TITLE: Design engine for automatic reformatting for design and media

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC
Draw Desc	Image										

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Terms	Documents
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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 12 of 12 returned.**☐ 1. Document ID: US 6411299 B1

L11: Entry 1 of 12

File: USPT

Jun 25, 2002

US-PAT-NO: 6411299

DOCUMENT-IDENTIFIER: US 6411299 B1

TITLE: Processing text for display on medical images

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 2. Document ID: US 6326970 B1

L11: Entry 2 of 12

File: USPT

Dec 4, 2001

US-PAT-NO: 6326970

DOCUMENT-IDENTIFIER: US 6326970 B1

TITLE: TV centric layout

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 3. Document ID: US 6324554 B1

L11: Entry 3 of 12

File: USPT

Nov 27, 2001

US-PAT-NO: 6324554

DOCUMENT-IDENTIFIER: US 6324554 B1

TITLE: Character processing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 4. Document ID: US 6167410 A

L11: Entry 4 of 12

File: USPT

Dec 26, 2000

US-PAT-NO: 6167410

DOCUMENT-IDENTIFIER: US 6167410 A

TITLE: Document processing apparatus for adding predetermined design types to an

original document

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 5. Document ID: US 6108677 A

L11: Entry 5 of 12

File: USPT

Aug 22, 2000

US-PAT-NO: 6108677

DOCUMENT-IDENTIFIER: US 6108677 A

TITLE: Data processing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 6. Document ID: US 5845303 A

L11: Entry 6 of 12

File: USPT

Dec 1, 1998

US-PAT-NO: 5845303

DOCUMENT-IDENTIFIER: US 5845303 A

TITLE: Document processing using frame-based templates with hierarchical tagging

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 7. Document ID: US 5742837 A

L11: Entry 7 of 12

File: USPT

Apr 21, 1998

US-PAT-NO: 5742837

DOCUMENT-IDENTIFIER: US 5742837 A

TITLE: Method and apparatus for document formatting with efficient figure element layout manipulation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 8. Document ID: US 5685002 A

L11: Entry 8 of 12

File: USPT

Nov 4, 1997

US-PAT-NO: 5685002

DOCUMENT-IDENTIFIER: US 5685002 A

TITLE: Image processing system capable of generating a multi-picture image

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 9. Document ID: US 5642521 A

L11: Entry 9 of 12

File: USPT

Jun 24, 1997

US-PAT-NO: 5642521

DOCUMENT-IDENTIFIER: US 5642521 A

TITLE: Data processing apparatus for extracting and processing arbitrary records from a file

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 10. Document ID: US 5517621 A

L11: Entry 10 of 12

File: USPT

May 14, 1996

US-PAT-NO: 5517621

DOCUMENT-IDENTIFIER: US 5517621 A

TITLE: Method and apparatus for document formatting with efficient figure element layout manipulation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 11. Document ID: US 5424945 A

L11: Entry 11 of 12

File: USPT

Jun 13, 1995

US-PAT-NO: 5424945

DOCUMENT-IDENTIFIER: US 5424945 A

TITLE: System for evaluating a psychological effect of a document

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KVMC

☐ 12. Document ID: US 5018083 A

L11: Entry 12 of 12

File: USPT

May 21, 1991

US-PAT-NO: 5018083

DOCUMENT-IDENTIFIER: US 5018083 A

TITLE: Image processing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KVMC

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 44 of 44 returned.**☐ 1. Document ID: US 6463440 B1

L2: Entry 1 of 44

File: USPT

Oct 8, 2002

US-PAT-NO: 6463440

DOCUMENT-IDENTIFIER: US 6463440 B1

TITLE: Retrieval of style sheets from directories based upon partial characteristic matching

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCC
Draw Desc	Image									

☐ 2. Document ID: US 6442748 B1

L2: Entry 2 of 44

File: USPT

Aug 27, 2002

US-PAT-NO: 6442748

DOCUMENT-IDENTIFIER: US 6442748 B1

TITLE: System, method and article of manufacture for a persistent state and persistent object separator in an information services patterns environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCC
Draw Desc	Image									

☐ 3. Document ID: US 6438594 B1

L2: Entry 3 of 44

File: USPT

Aug 20, 2002

US-PAT-NO: 6438594

DOCUMENT-IDENTIFIER: US 6438594 B1

TITLE: Delivering service to a client via a locally addressable interface

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCC
Draw Desc	Image									

☐ 4. Document ID: US 6434628 B1

L2: Entry 4 of 44

File: USPT

Aug 13, 2002

US-PAT-NO: 6434628

DOCUMENT-IDENTIFIER: US 6434628 B1

TITLE: Common interface for handling exception interface name with additional prefix and suffix for handling exceptions in environment services patterns

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 5. Document ID: US 6434568 B1

L2: Entry 5 of 44

File: USPT

Aug 13, 2002

US-PAT-NO: 6434568

DOCUMENT-IDENTIFIER: US 6434568 B1

TITLE: Information services patterns in a netcentric environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 6. Document ID: US 6434563 B1

L2: Entry 6 of 44

File: USPT

Aug 13, 2002

US-PAT-NO: 6434563

DOCUMENT-IDENTIFIER: US 6434563 B1

TITLE: WWW browser configured to provide a windowed content manifestation environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 7. Document ID: US 6424979 B1

L2: Entry 7 of 44

File: USPT

Jul 23, 2002

US-PAT-NO: 6424979

DOCUMENT-IDENTIFIER: US 6424979 B1

TITLE: System for presenting and managing enterprise architectures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
Draw Desc	Image									

☐ 8. Document ID: US 6423893 B1

L2: Entry 8 of 44

File: USPT

Jul 23, 2002

US-PAT-NO: 6423893

DOCUMENT-IDENTIFIER: US 6423893 B1

TITLE: Method and system for electronically creating and publishing music instrument

instructional material using a computer network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCC
Draw	Desc	Image								

☐ 9. Document ID: US 6418441 B1

L2: Entry 9 of 44

File: USPT

Jul 9, 2002

US-PAT-NO: 6418441

DOCUMENT-IDENTIFIER: US 6418441 B1

TITLE: Methods and apparatus for disseminating product information via the internet using universal product codes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCC
Draw	Desc	Image								

☐ 10. Document ID: US 6418424 B1

L2: Entry 10 of 44

File: USPT

Jul 9, 2002

US-PAT-NO: 6418424

DOCUMENT-IDENTIFIER: US 6418424 B1

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCC
Draw	Desc	Image								

☐ 11. Document ID: US 6405245 B1

L2: Entry 11 of 44

File: USPT

Jun 11, 2002

US-PAT-NO: 6405245

DOCUMENT-IDENTIFIER: US 6405245 B1

TITLE: System and method for automated access to personal information

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMCC
Draw	Desc	Image								

☐ 12. Document ID: US 6401132 B1

L2: Entry 12 of 44

File: USPT

Jun 4, 2002

US-PAT-NO: 6401132

DOCUMENT-IDENTIFIER: US 6401132 B1

TITLE: Subchaining transcoders in a transcoding framework

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC

☐ 13. Document ID: US 6400996 B1

L2: Entry 13 of 44

File: USPT

Jun 4, 2002

US-PAT-NO: 6400996

DOCUMENT-IDENTIFIER: US 6400996 B1

TITLE: Adaptive pattern recognition based control system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC

☐ 14. Document ID: US 6384850 B1

L2: Entry 14 of 44

File: USPT

May 7, 2002

US-PAT-NO: 6384850

DOCUMENT-IDENTIFIER: US 6384850 B1

TITLE: Information management and synchronous communications system with menu generation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC

☐ 15. Document ID: US 6339832 B1

L2: Entry 15 of 44

File: USPT

Jan 15, 2002

US-PAT-NO: 6339832

DOCUMENT-IDENTIFIER: US 6339832 B1

TITLE: Exception response table in environment services patterns

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC

☐ 16. Document ID: US 6338059 B1

L2: Entry 16 of 44

File: USPT

Jan 8, 2002

US-PAT-NO: 6338059

DOCUMENT-IDENTIFIER: US 6338059 B1

TITLE: Hyperlinked search interface for distributed database

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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US Patent & Trademark Office

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- 1** Simulation, motion capture, editing: Modeling tension and relaxation for computer animation 77%
Michael Neff , Eugene Fiume
Proceedings of the ACM SIGGRAPH symposium on Computer animation July 2002
The use of tension and relaxation in the muscles of real creatures gives rise to nuanced motion that conveys emotion or intent. Artists have long exploited knowledge of this in traditional animation and other areas, but it has been both overlooked and difficult to achieve in physically based animation. The robotically stiff motion that has come to typify physically based approaches belies the fact that dynamics has much to offer in facilitating far more subtle motion in which animators could fre ...
- 2** Heads, faces, hair: A practical model for hair mutual interactions 80%
Johnny T. Chang , Jingyi Jin , Yizhou Yu
Proceedings of the ACM SIGGRAPH symposium on Computer animation July 2002
Hair exhibits strong anisotropic dynamic properties which demand distinct dynamic models for single strands and hair-hair interactions. While a single strand can be modeled as a multibody open chain expressed in generalized coordinates, modeling

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hair-hair interactions is a more difficult problem. A dynamic model for this purpose is proposed based on a sparse set of guide strands. Long range connections among the strands are modeled as breakable static links formulated as nonreversible positional ...

- 3** A digital libraries for education: Partnership reviewing: a cooperative approach for peer review of complex educational resources 77%

John Weatherley , Tamara Sumner , Michael Khoo , Michael Wright , Marcel Hoffmann

Proceeding of the second ACM/IEEE-CS joint conference on Digital libraries July 2002

Review of digital educational resources, such as course modules, simulations, and data analysis tools, can differ from review of scholarly articles, in the heterogeneity and complexity of the resources themselves. The Partnership Review Model, as demonstrated in two cases, appears to promote cooperative interactions between distributed resource reviewers, enabling reviewers to effectively divide up the task of reviewing complex resources with little explicit coordination. The shared structural o ...

- 4** Building and using cultural digital libraries: Using the Gamera framework for the recognition of cultural heritage materials 77%

Michael Droettboom , Ichiro Fujinaga , Karl MacMillan , G. Sayeed Chouhury , Tim DiLauro , Mark Patton , Teal Anderson

Proceeding of the second ACM/IEEE-CS joint conference on Digital libraries July 2002

This paper presents a new toolkit for the creation of customized structured document recognition applications by domain experts. This open-source system, called Gamera, allows a user, with particular knowledge of the documents to be recognized, to combine image processing and recognition tools in an easy-to-use, interactive, graphical scripting environment. Gamera is one of the key technology components in a proposed international project for the digitization of diverse types of humanities docum ...

- 5** A game-theoretic approach towards congestion control in communication networks 77%

Rahul Garg , Abhinav Kamra , Varun Khurana

ACM SIGCOMM Computer Communication Review July 2002
Volume 32 Issue 3

Most of the end-to-end congestion control schemes are "voluntary" in nature and critically depend on end-user

cooperation. We show that in the presence of selfish users, all such schemes will inevitably lead to a congestion collapse. Router and switch mechanisms such as service disciplines and buffer management policies determine the sharing of resources during congestion. We show, using a game-theoretic approach, that all currently proposed mechanisms, either encourage the behaviour that leads ...

6 Homomorphic factorization of BRDF-based lighting computation 77%



Lutz Latta , Andreas Kolb

ACM Transactions on Graphics (TOG) , Proceedings of the 29th annual conference on Computer graphics and interactive techniques July 2002

Volume 21 Issue 3

Several techniques have been developed to approximate Bidirectional Reflectance Distribution Functions (BRDF) with acceptable quality and performance for realtime applications. The recently published *Homomorphic Factorization* by McCool et al. is a general approximation approach that can be used with various setups and for different quality requirements. In this paper we propose a new technique based on the Homomorphic Factorization. Instead of approximating the BRDF, our technique factoriz ...

7 A framework for virtual videography 77%



Michael L. Gleicher , Rachel M. Heck , Michael N. Wallick

Proceedings of the 2nd international symposium on Smart graphics June 2002

There are a significant number of events that happen on a regular basis that would be worth preserving on video but for which it is impractical to use traditional video production methods. In this paper, we describe one possible way to inexpensively and unobtrusively capture and produce video in a classroom lecture environment. We discuss the importance of cinematic principles in the lecture video domain and describe guidelines that should be followed when capturing a lecture. We continue by sur ...

8 World Wide Web: Contextualized preview of image map links 77%



Wallace Chigona , Thomas Strothotte

Proceedings of the thirteenth conference on Hypertext and hypermedia June 2002

Previewing links in hypertext navigation helps reduce the cognitive overhead associated with deciding whether or not to follow a link. In this paper we introduce a new concept called Dual-Use of Image Space (DUIS) and we show how it is used

provide preview information of image map links. In DUIS the pixels in the image space are used both as shading information as well as characters which can be read. This concept provides a mechanism for placing the text information related to images in context ...

9 Visual communication: Evaluating space perception in NPR 77%



immersive environments

Amy Ashurst Gooch , Peter Willemsen

Proceedings of the second international symposium on

Non-photorealistic animation and rendering June 2002

Non-photorealistic rendering (NPR) methods allow us to emphasize or omit detail in order to communicate information more effectively. An important issue to consider is how can we evaluate and validate the communication adequacy of these techniques? In this paper we present a methodology for quantitatively evaluating spatial perception in a functional, NPR, stereo, immersive environment. The methods described in this paper borrow from both the art and perceptual psychology communities and will pr ...

10 Technical correspondence: Vector pascal reference manual 77%



Paul Cockshott

ACM SIGPLAN Notices June 2002

Volume 37 Issue 6

11 Adaptive middleware: Middleware for real-time and embedded 77%



systems

Douglas C. Schmidt

Communications of the ACM June 2002

Volume 45 Issue 6

Off-the-shelf middleware technology is being adapted for such mission-critical dynamic domains as online financial trading, distributed process control, even submarine information systems, avionics mission computing, radar processing, and software-defined radios.

12 The state of the art in locally distributed Web-server systems 80%



Valeria Cardellini , Emiliano Casalicchio , Michele Colajanni , Philip S. Yu

ACM Computing Surveys (CSUR) June 2002

Volume 34 Issue 2

The overall increase in traffic on the World Wide Web is augmenting user-perceived response times from popular Web

sites, especially in conjunction with special events. System platforms that do not replicate information content cannot provide the needed scalability to handle large traffic volumes and to match rapid and dramatic changes in the number of clients. The need to improve the performance of Web-based services has produced a variety of novel content delivery architectures. This article w ...

13 Capacity and performance analysis of distributed enterprise systems 77%



James A. Aries , Subhankar Banerjee , Marc S. Brittan , Eric Dillon , Janusz S. Kowalik , John P. Lixvar
Communications of the ACM June 2002
Volume 45 Issue 6

Analytic and simulation models enhance the reengineering and tuning of large client/server distributed systems.

14 Mobility and Wireless Access: Mobile streaming media CDN enabled by dynamic SMIL 77%



Takeshi Yoshimura , Yoshifumi Yonemoto , Tomoyuki Ohya , Minoru Etoh , Susie Wee
Proceedings of the eleventh international conference on World Wide Web May 2002

In this paper, we present a mobile streaming media CDN (Content Delivery Network) architecture in which content segmentation, request routing, pre-fetch scheduling, and session handoff are controlled by SMIL (Synchronized Multimedia Integrated Language) modification. In this architecture, mobile clients simply follow modified SMIL files downloaded from a streaming portal server; these modifications enable multimedia content to be delivered to the mobile clients from the best surrogates in the CD ...

15 The DMCA and you: Motivations behind a role play at CFP: repeated assaults on the constitution by extremist property rights advocates 77%



Lance J. Hoffman
Proceedings of the 12th annual conference on Computers, freedom and privacy April 2002

16 Negotiation-based protocols for disseminating information in wireless sensor networks 77%



Joanna Kulik , Wendi Heinzelman , Hari Balakrishnan
Wireless Networks March 2002

Volume 8 Issue 2/3

In this paper, we present a family of adaptive protocols, called SPIN (Sensor Protocols for Information via Negotiation), that efficiently disseminate information among sensors in an energy-constrained wireless sensor network. Nodes running a SPIN communication protocol name their data using high-level data descriptors, called meta-data. They use meta-data negotiations to eliminate the transmission of redundant data throughout the network. In addition, SPIN nodes can base their communication dec ...

- 17** Spoken dialogue technology: enabling the conversational user interface 77%



ACM Computing Surveys (CSUR) March 2002

Volume 34 Issue 1

Spoken dialogue systems allow users to interact with computer-based applications such as databases and expert systems by using natural spoken language. The origins of spoken dialogue systems can be traced back to Artificial Intelligence research in the 1950s concerned with developing conversational interfaces. However, it is only within the last decade or so, with major advances in speech technology, that large-scale working systems have been developed and, in some cases, introduced into commerc ...

- 18** On multicast flow control for heterogeneous receivers 77%



Rung-Hung Gau , Zygmunt J. Haas , Bhaskar Krishnamachari

IEEE/ACM Transactions on Networking (TON) February 2002

Volume 10 Issue 1

In this paper, we study the impact of heterogeneous receivers on the throughput of multicast flow control and propose a new multicast flow control algorithm to optimally partition group members into multiple subgroups. Our main contributions are as follows. First, we cast the multicast flow control problem in the Internet as the list partition problem and then prove that the list partition problem is equivalent to the optimal paging problem in cellular networks. The result is not only interestin ...

- 19** Prefetching for improved bus wrapper performance in cores 77%



Roman Lysecky , Frank Vahid

ACM Transactions on Design Automation of Electronic Systems (TODAES) January 2002

Volume 7 Issue 1

Reuse of cores can reduce design time for systems-on-a-chip. Such reuse is dependent on being able to easily interface a core

to any bus. To enable such interfacing, many propose separating a core's interface from its internals by using a bus wrapper. However, this separation can lead to a performance penalty when reading a core's internal registers. In this paper, we introduce prefetching, which is analogous to caching, as a technique to reduce or eliminate this performance penalty, involving a ...

20 Efficient web browsing on handheld devices using page and form 77% summarization



ACM Transactions on Information Systems (TOIS) January 2002
Volume 20 Issue 1

We present a design and implementation for displaying and manipulating HTML pages on small handheld devices such as personal digital assistants (PDAs), or cellular phones. We introduce methods for summarizing parts of Web pages and HTML forms. Each Web page is broken into text units that can each be hidden, partially displayed, made fully visible, or summarized. A variety of methods are introduced that summarize the text units. In addition, HTML forms are also summarized by displaying just the t ...

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121 ParVox: a parallel splatting volume rendering system for distributed visualization 77%

P. Peggy Li , Scott Whitman , Roberto Mendoza , James Tsaio
Proceedings of the IEEE symposium on Parallel rendering October 1997

122 A general purpose proxy filtering mechanism applied to the mobile environment 77%

Bruce Zenel , Dan Duchamp
Proceedings of the third annual ACM/IEEE international conference on Mobile computing and networking September 1997

123 Integration of motion control techniques for virtual human and avatar real-time animation 77%

Ronan Boulic , Pascal Bécheiraz , Luc Emering , Daniel Thalmann
Proceedings of the ACM symposium on Virtual reality software and technology September 1997

124 Fast construction of accurate quaternion splines 77%



Ravi Ramamoorthi , Alan H. Barr
Proceedings of the 24th annual conference on Computer graphics
and interactive techniques August 1997

125 On the construction of pseudo-random permutations: 77%



Luby-Rackoff revisited (extended abstract)
Moni Naor , Omer Reingold
Proceedings of the twenty-ninth annual ACM symposium on Theory
of computing May 1997

126 Future directions in visual display systems 77%



Ed Lantz
ACM SIGGRAPH Computer Graphics May 1997
Volume 31 Issue 2
Visual displays have evolved in several parallel application areas
including television, computer monitors, graphics monitors,
portable displays, projection displays and most recently,
immersive displays. Film, too, has matured as the highest
resolution display medium available. One might mistakenly
proclaim that today's visual displays produce an image quality
which nearly matches that of our perception. The truth is that
primitive cave petroglyphs viewed in fire-light far exceed the
visual cap ...

127 Hypertext-assisted video indexing and content-based retrieval 77%



Horace Ho-Shing Ip , Siu-Lok Chan
Proceedings of the eighth ACM conference on Hypertext April 1997

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VRML 2.0 content
Sam Chen , Rob Myers , Rick Pasetto
Proceedings of the second symposium on Virtual reality modeling
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efficiently
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Proceedings of the fourth ACM international conference on
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Proceedings of the 2nd international conference on Intelligent user
interfaces January 1997

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Richard Uhlig , David Nagle , Trevor Mudge , Stuart Sechrest
ACM Transactions on Modeling and Computer Simulation (TOMACS)
January 1997
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Donna L. Hoffman , William D. Kalsbeek , Thomas P. Novak
Communications of the ACM December 1996
Volume 39 Issue 12

135 Multiple media publishing in SGML 77%



Paul Prescod
Proceedings of the 14th annual international conference on
Marshaling new technological forces : building a corporate,
academic, and user-oriented triangle: building a corporate,
academic, and user-oriented triangle October 1996

136 Vortex: an optimizing compiler for object-oriented languages 80%



Jeffrey Dean , Greg DeFouw , David Grove , Vassily Litvinov , Craig
Chambers
ACM SIGPLAN Notices , Proceedings of the eleventh annual
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human-computer interaction

Shumin Zhai , William Buxton , Paul Milgram

ACM Transactions on Computer-Human Interaction (TOCHI)

September 1996

Volume 3 Issue 3

This study investigates human performance when using semitransparent tools in interactive 3D computer graphics environments. The article briefly reviews techniques for presenting depth information and examples of applying semitransparency in computer interface design. We hypothesize that when the user moves a semitransparent surface in a 3D environment, the “partial-occlusion” effect introduced through semitransparency acts as an effective cue in target localization—an ess ...

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